



FORM PTO-1449 (MODIFIED)

**LIST OF PATENTS AND OTHER
PUBLICATIONS FOR
INFORMATION DISCLOSURE STATEMENT
(USE SEVERAL SHEETS IF NECESSARY)**U.S. Department of Commerce
Patent and Trademark Office**ATTORNEY DOCKET NO.**
P23,149-A USA**APPLICATION NO.**
10/088,991**APPLICANT**
K. McClay, R. Steffan**FILING DATE**
September 16, 2002**GROUP ART UNIT**
NYA**U.S. PATENT DOCUMENTS**

| EXAMINER INITIALS | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|----|-----------------|----------|--------------|-------|---------------|----------------|
| <i>JS</i> | AA | 4,269,940 | 5/26/81 | Patel et al. | | | |
| | AB | 4,347,319 | 8/31/82 | Hou et al. | | | |
| | AC | 5,358,860 | 10/25/94 | Hager et al. | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
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| <i>JS</i> | CA | Archelas et al., Annu Rev Microbiol, 51:491-525 (1997) |
| | CB | Broun et al., Science, 282:1315-1317 (1998) |
| | CC | Byrne et al., Gene, 154:65-70 (1995) |
| | CD | Claffey et al., Tetrahedon Letters, 37: 7929-7932 (1996) |
| | CE | Claffey et al., Tetrahedon: Asymmetry, 8:3715-3716 (1997) |
| | CF | de Lorenz et al., Gene, 123:17-24 (1993) |
| | CG | O'Connor et al., Applied and Environmental Microbiology, 63:4287-4291 (1997) |
| | CH | Eaton et al., Journal of Bacteriology, 177:6983-6988 (1995) |
| | CI | Ensley et al., Science, 222:167-169 (1983) |
| | CJ | Ensley et al., Applied and Environmental Microbiology, 60:285-290 (1994) |
| | CK | Feig et al., Chem. Rev., 94:759-805 (1994) |
| | CL | Fox et al., Biochemistry, 29:6419-6427 (1990) |
| | CM | Habets-Crutzen et al., Enzyme Microb Technol, 7:17-21 (1985) |
| | CN | Habets-Crutzen et al., Appl Microbiol Biotechnol, 20:245-250 (1984) |
| | CO | Herrero et al., Journal of Bacteriology, 172:6557-6567 (1990) |
| | CP | Kok et al., Journal of Bacteriology, 179:4270-4276 (1997) |
| | CQ | Kok et al., Journal of Bacteriology, 176:6566-6571 (1994) |
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| | CS | Lund et al, Eur J Biochem, 147:297-305 (1985) |
| | CT | Malakul et al., Applied and Environmental Microbiology, 64:4610-4613 (1998) |
| | CU | May et al., Journal of the American Chemical Society, 98:7856-7858 (1976) |
| | CV | McClay et al., Applied and Environmental Microbiology, 61:3479-3481 (1995) |
| | CW | McClay et al., The 97 th General Meeting of ASM, Abstract K36, 348 (1997) |

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| <input checked="" type="checkbox"/> | CX | McClay et al., Applied and Environmental Microbiology, 62:2716-2722 (1996) |
| <input checked="" type="checkbox"/> | CY | Murdock et al., Bio/Technology, 11:381-386 (1993) |
| <input checked="" type="checkbox"/> | CZ | Mermoud et al., Journal of Bacteriology, 167:447-454 (1986) |
| <input checked="" type="checkbox"/> | DA | Murrell, Biodegradation, 5:145-159 (1994) |
| <input checked="" type="checkbox"/> | DB | Ono et al., Journal of Molecular Catalysis, 61:113-122 (1990) |
| <input checked="" type="checkbox"/> | DC | Panke et al., Applied and Environmental Microbiology, 64:2032-2043 (1998) |
| <input checked="" type="checkbox"/> | DD | Pikus et al., Biochemistry, 35:9106-9119 (1996) |
| <input checked="" type="checkbox"/> | DE | Pikus et al., Biochemistry, 36:9283-9289 (1997) |
| <input checked="" type="checkbox"/> | DF | Rosenzweig et al., Proteins, 29:141-152 (1997) |
| <input checked="" type="checkbox"/> | DG | Shields et al., Applied and Environmental Microbiology, 55:1624-1629 (1989) |
| <input checked="" type="checkbox"/> | DH | Stinson, CENEAR, 76:1-18 (1998) |
| <input checked="" type="checkbox"/> | DI | van Hylckama Vlieg et al., Applied and Environmental Microbiology, 62:3304-3312 (1996) |
| <input checked="" type="checkbox"/> | DJ | Wackett et al., Applied and Environmental Microbiology, 54:1703-1708 (1988) |
| <input checked="" type="checkbox"/> | DK | Wade, Organic Chemistry, 504-506 (1990) |
| <input checked="" type="checkbox"/> | DL | Whited et al., Journal of Bacteriology, 173:3010-3016 (1991) |
| <input checked="" type="checkbox"/> | DM | Yen et al., Journal of Bacteriology, 173:5315-5327 (1991) |
| <input checked="" type="checkbox"/> | DN | Yen et al., Journal of Bacteriology, 174:7253-7261 (1992) |
| <input checked="" type="checkbox"/> | DO | Zhou et al., Applied and Environmental Microbiology, 65:1589-1595 (1999) |
| <input checked="" type="checkbox"/> | DP | Zhou et al., FEBS Letters, 430:181-185 (1998) |

EXAMINER

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DATE CONSIDERED

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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December 8, 2003